

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No: 10/827,146
Applicants: Manfred Heinritz et al.
Filed: April 19, 2004
Title: GRADIENT MATERIAL MOLDED BODY
TC/A.U.: Not Yet Known
Examiner: Not Yet Known

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. Copies of each of the listed references are also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

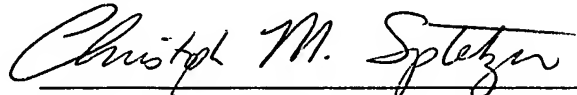
Reference EP 0 365 757 is not in the English language, but pursuant to 37 C.F.R. § 1.98(a)(3), a brief statement of relevance as to this reference follows:

EP 0 365 757 describes a process for producing individual cams for cast material by continuous casting (abstract). To this end, a bar having the dimensions of a cam, i.e., close to a final contour, is produced by continuous casting (column 1, lines 39-52). The cooled die is tempered, such that a ledeburitic surface layer is produced (column 2, lines 2-9). The core consists of spheroidal graphite cast iron (claim 9).

The Schumann reference is not in the English language, but an English translation of the relevant portion is attached to the copy of the reference submitted herewith.

This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application. No fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,



Christopher R. Lewis, Reg. No. 36,201
Christopher M. Spletzer, Reg. No. 52,240
Attorneys for Applicants

CMS/kak

Enclosures: PTO Form 1449;
(2) References

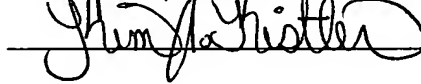
Dated: July 12, 2004

P.O. Box 980
Valley Forge, PA 19482-0980
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

July 12, 2004



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Substitute for Form 1449A/PTO

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known

Application Number	10/827,146
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Filing Date	April 19, 2004
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First Named Inventor	Manfred Heinnitz
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Art Unit	Not Yet Known
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Examiner Name	Not Yet Known
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Attorney Docket No.	SSM-491US1
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 2 of 2

Complete if Known

Application Number	10/827,146
Filing Date	April 19, 2004
First Named Inventor	Manfred Heinritz
Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Attorney Docket No.	SSM-491US1

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	2	Schumann, Hermann: "Metallographie," Veb Deutscher Verlag Für Grundstoffindustrie, Leipzig, pp. 475-481.	<input type="checkbox"/>
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Examiner
SignatureDate
Considered

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¹Applicant's unique citation designation number (optional).

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